

Recombinant Human AP1S1 protein, GST-tagged

Cat. No. AP1S1-649H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human AP1S1 full-length ORF (AAH03561, 1 a.a. - 133 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	The protein encoded by this gene is part of the clathrin coat assembly complex which links clathrin to receptors in coated vesicles. These vesicles are involved in endocytosis and Golgi processing. This protein, as well as beta-prime-adaptin, gamma-adaptin, and the medium (mu) chain AP47, form the AP-1 assembly protein complex located at the Golgi vesicle. [provided by RefSeq, Jul 2008]
Molecular Mass	40.37 kDa
AA Sequence	MMRFMLLFSRQGKLRRLRKWYLATSDKERKKMVRELMQVVLARKPKMCSFLEWRDL KVVKRYASLYFCCAIEGQDNELITLEIHRVVELLDKYFGSVCELDIIFNFEKAYFILD EFLMGGDVQDTSTFPFSH
Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

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Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name [AP1S1 adaptor-related protein complex 1, sigma 1 subunit \[Homo sapiens \]](#)

Official Symbol [AP1S1](#)

Synonyms

AP1S1; adaptor-related protein complex 1, sigma 1 subunit; CLAPS1; AP-1 complex subunit sigma-1A; AP 1 complex subunit sigma 1A; AP19; clathrin assembly protein complex 1 sigma 1A small chain; clathrin coat assembly protein AP19; clathrin associated/assembly/adaptor protein; small 1 (19kD); golgi adaptor HA1/AP1 adaptin sigma 1A subunit; HA1 19 kDa subunit; SIGMA1A; sigma1A subunit of AP 1 clathrin adaptor complex; sigma1A adaptin; WUGSC:H_DJ0747G18.2; sigma1A-adaptin; sigma-adaptin 1A; sigma 1a subunit of AP-1 clathrin; adaptor protein complex AP-1 sigma-1A subunit; golgi adaptor HA1/AP1 adaptin sigma-1A subunit; sigma1A subunit of AP-1 clathrin adaptor complex; adapter-related protein complex 1 sigma-1A subunit; clathrin assembly protein complex 1 sigma-1A small chain; clathrin-associated/assembly/adaptor protein, small 1 (19kD); FLJ92436;

Gene ID [1174](#)

mRNA Refseq [NM_001283](#)

Protein Refseq [NP_001274](#)

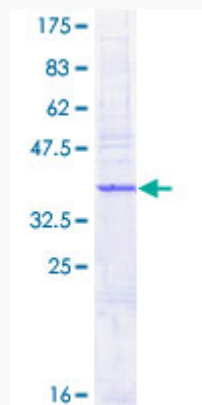
MIM [603531](#)

UniProt ID [P61966](#)

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12.5% SDS-PAGE Stained with Coomassie Blue.

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